VANDERBILT MOBILE CREDENTIALS

Simple. Private. Secure.

Vanderbilt ACT ID is an elegantly simple mobile application that does one thing perfectly. It securely stores your Vanderbilt Mobile ID and communicates it securely to your Vanderbilt access control system for authentication. Vanderbilt ACT ID features zero-touch cloud-issued credentials for manual enrollment into your access control system.

KEY FEATURES

- Supports NFC for Android and Bluetooth® Low Energy for iOS
- Ultra-fast transaction times of less than 1 second
- All data is stored in separate secure element
- Free download and usage
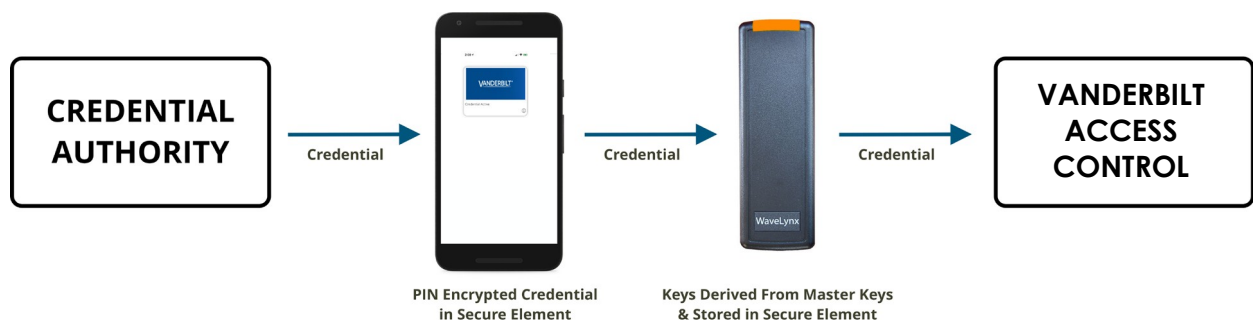- Works in any Vanderbilt access control system

SECURITY FEATURES

- Mobile ID data secured at rest in device in secure enclave storage
- Fully authenticated issuance from secure cloud credential authority
- End-to-end encrypted and signed credential data (AES 256)
- Multi-factor authentication using both user PIN and device security

FOR ANDROID & IOS
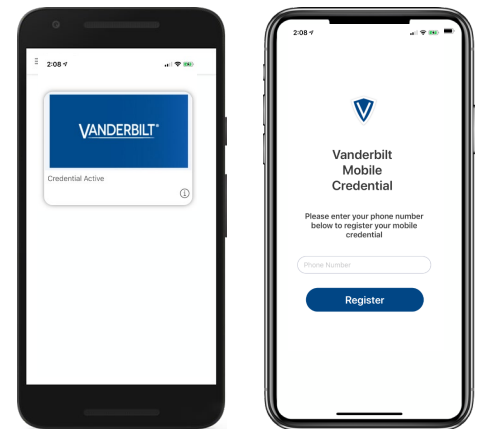
SIMPLE TO USE

- Launch app, create PIN to activate
- ID retrieved from Credential Server
- Provide ID to Security System Administrator for enrollment in access control database
- Hold phone up to a reader like a physical credential

CREDENTIAL AUTHORITY → Credential → → Credential → → Credential → **VANDERBILT ACCESS CONTROL**

PIN Encrypted Credential in Secure Element

Keys Derived From Master Keys & Stored in Secure Element

Encrypted & Signed Credential Flow

TECHNICAL FEATURES

- Hardware Requirements: Android devices with NFC and iPhone® 6 and later
- Available for iOS 10 and later and Android Marshmallow 6.0 and later
- Vanderbilt ACT ID is a 32-bit unique number (no parity bits)
- Hold-to-reader mimics proximity card (short read range)
- Compatible Ethos Readers (with firmware versions 2.4.2 and later)
  Mullion (ET10-6, ET10-7), Single Gang (ET20-6, ET20-7), Keypad (ET25-6, ET25-7)

TIPS

- Hold phone within 1 inch of the reader
- Some phone cases may interfere with communication—remove case when troubleshooting
- On Android, ensure the screen is illuminated (device does not need to be unlocked)
- Ensure NFC is enabled on Android and BLE is enabled on iOS

DOWNLOADS

- Search for ACT ID Vanderbilt Mobile Credential